

Specification: TQX6273

Nominal frequency 16,384 MHz
Application:
Vibration mode Fundamental mode **Cut** AT

Frequency stabilities

Parameter	Frequency stability	Operating temp range
vs. operating temperature range	from +30 to -30 ppm from to ppm	from -40 .. +85°C from .. °C
Parameter	Value	Condition
Adjustment tolerance	from +20 to -20 ppm	at 25 °C

electrical parameter

Parameter	Frequency stability	Operating temp range
Resonance resistance R1	< 18Ω	at 25 °C;
Resonance resistance R1	< 20Ω	over operating temp
Load capacitance CL	15 pF	
Shunt capacitance C0	< 7 pF	
Motional capacitance C1	> 25 fF	
C0/C1	<	
Quality Q	>	
Pulling behaviour		
Pulling sensitivity		
Mode suppression	> dB	
Insulation resistance	> 500 MOhm	at 100V DC
Drive level	0,1mW	
Ageing	< 3 ppm / year	at 25 °C
discontinus jumps (Dips)	< ±	@ operating Temp range
Drive level dependence (DLD)DLD acc to IEC444-6, however max limit for fr2 - fr1 (FDLD) not more than 20% of specified F limits for adjustment and vs. temp range.	IEC60444-6	

Additional parameters

Parameter	Value	Condition
turnoverpoint (TOP) range	°C to °C	
Operable temperature range	°C to °C	
Storage temperature range	°C to °C	
Processing & Packing	handling&processing note	
RoHS compliant standard	Pb free	

Enclosure

Type	HC-49U
Max. height	13.5 mm
SMD-version	NO SMD
Marking	frequency, Specification, VI OYYWW (date-code)
Packing	Bulk see processing notes

Edited by: Erhard Maa
 Changed:

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